

Rogaine®

TOPICAL SOLUTION minoxidil 2%

INDICATIONS AND USAGE

ROGAINE is indicated for treatment of androgenetic alopecia, expressed in men as male pattern baldness of the vertex and in females as diffuse hair loss or thinning of the frontoparietal areas. At least 4 months of twice daily applications are necessary before evidence of hair growth can be expected.

CONTRAINDICATIONS

Hypersensitivity to minoxidil, propylene glycol, or ethanol.

WARNINGS

1. **Need for normal scalp:** Before starting treatment, make sure that the patient has a normal, healthy scalp. Local abrasion or dermatitis may increase absorption and hence the risk of side effects.

2. **Potential adverse effects:** Although extensive use of topical minoxidil has not revealed evidence that enough minoxidil is absorbed to have systemic effects, greater absorption because of misuse, individual variability, or unusual sensitivity could, at least theoretically, produce a systemic effect.

Experience with oral minoxidil has shown the following major cardiovascular effects (Review the package insert for LONITEN® Tablets for details.):

- salt and water retention, generalized and local edema
- pericardial effusion, pericarditis, tamponade
- tachycardia
- increased incidence of angina or new onset of angina

Patients with underlying heart disease, including coronary artery disease and congestive heart failure, would be at particular risk of these potential effects. Additive effects could also emerge in patients being treated for hypertension.

Potential patients should have a history and physical and should be advised of potential risks. A risk/benefit decision should be made. Heart patients should realize that adverse effects may be especially serious.

Alert patients to the possibility of tachycardia and fluid retention and monitor for increased heart rate, weight gain, or other systemic effects.

PRECAUTIONS

General Precautions: Monitor patients 1 month after starting ROGAINE and at least every 6 months thereafter. Discontinue ROGAINE if systemic effects occur.

The alcohol base will burn and irritate the eye. If ROGAINE reaches sensitive surfaces (eg, eyes, abraded skin, and mucous membranes), bathe with copious cool water.

Avoid inhaling the spray. Do not use in conjunction with other topical agents, such as corticosteroids, retinoids and petrolatum, or agents that enhance percutaneous absorption.

ROGAINE is for topical use only. Each mL contains 20 mg minoxidil, and accidental ingestion could cause adverse systemic effects.

Decreased integrity of the epidermal barrier caused by inflammation or disease of the skin, eg, excoriations, psoriasis, or severe sunburn, may increase minoxidil absorption.

Patient Information: A patient information leaflet is included with each package and in the full product information.

Drug Interactions: No drug interactions are known. Theoretically, absorbed minoxidil may potentiate orthostatic hypotension in patients taking guanethidine.

Carcinogenesis, Mutagenesis, and Impairment of Fertility: No carcinogenicity was found with topical application. Oral administration may be associated with an increased incidence of malignant lymphomas in female mice and hepatic nodules in male mice. In rats, there was a dose-dependent reduction in conception rate.

Pregnancy Category C: ROGAINE should not be used by pregnant women.

Labor and Delivery: The effects are not known.

Nursing Mothers: ROGAINE should not be administered to nursing mothers.

Pediatric Use: Safety and effectiveness has not been established for patients under age 18.

Postmenopausal Use: Efficacy in postmenopausal women has not been studied.

ADVERSE REACTIONS

ROGAINE was used by 3,857 patients (347 females) in placebo-controlled trials. Except for dermatologic events, no individual reaction or reactions grouped by body systems appeared to be increased in the minoxidil-treated patients.

Dermatologic: irritant or allergic contact dermatitis - 7.36%; **Respiratory:** bronchitis, upper respiratory infection, sinusitis - 7.16%; **Gastrointestinal:** diarrhea, nausea, vomiting - 4.33%; **Neurologic:** headache, dizziness, faintness, light-headedness - 3.42%; **Musculoskeletal:** fractures, back pain, tendonitis - 2.59%; **Cardiovascular:** edema, chest pain, blood pressure increases/decreases, palpitations, pulse rate increases/decreases - 1.53%; **Allergic:** nonspecific allergic reactions, hives, allergic rhinitis, facial swelling, sensitivity - 1.27%; **Metabolic-Nutritional:** edema, weight gain - 1.24%; **Special Senses:** conjunctivitis, ear infections, vertigo - 1.17%; **Genital Tract:** prostatitis, epididymitis, vaginitis, vulvitis, vaginal discharge/itching - 0.91%; **Urinary Tract:** urinary tract infections, renal calculi, urethritis - 0.93%; **Endocrine:** 0.47%; **Psychiatric:** anxiety, depression, fatigue - 0.36%; **Hematologic:** lymphadenopathy, thrombocytopenia - 0.31%.

Patients have been followed for up to 5 years, and there has been no change in incidence or severity of reported reactions. Additional events have been reported since marketing and include eczema; hypertrichosis; local erythema; pruritus; dry skin/scalp flaking; sexual dysfunction; visual disturbances, including decreased visual acuity; exacerbation of hair loss; and alopecia.

DOSAGE AND ADMINISTRATION

Hair and scalp should be dry before application. 1 mL should be applied to the total affected areas twice daily. Total daily dose should not exceed 2 mL. If the fingertips are used to facilitate drug application, wash the hands afterwards. If hair regrowth is realized, maintenance of twice daily applications is necessary for additional and continued hair regrowth.

HOW SUPPLIED

One 60-mL bottle with multiple applicators

NDC 0009-3367-05

Three 60-mL bottles with applicators

NDC 0009-3367-19

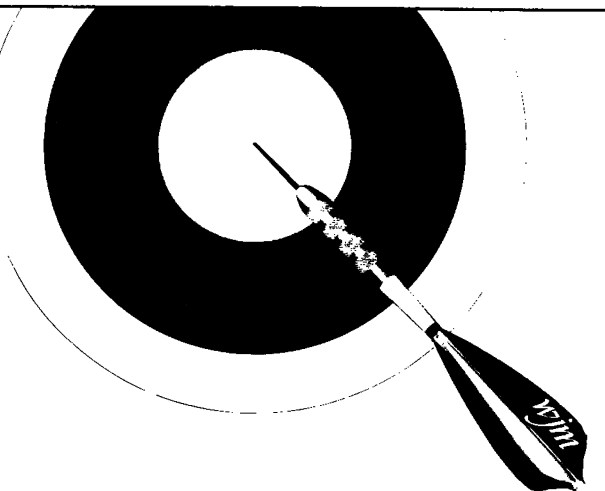
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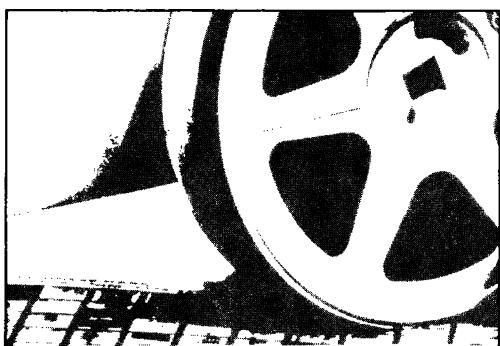
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YOCON[®]

YOHIMBINE HCl

Description: Yohimbine is a 3a-15a-20B-17a-hydroxy Yohimbine-16a-carboxylic acid methyl ester. The alkaloid is found in Rubaceae and related trees. Also in Rauwolfia Serpentina (L) Benth. Yohimbine is an indolalkylamine alkaloid with chemical similarity to reserpine. It is a crystalline powder, odorless. Each compressed tablet contains (1/12 gr.) 5.4 mg of Yohimbine Hydrochloride.

Action: Yohimbine blocks presynaptic alpha-2 adrenergic receptors. Its action on peripheral blood vessels resembles that of reserpine, though it is weaker and of short duration. Yohimbine's peripheral autonomic nervous system effect is to increase parasympathetic (cholinergic) and decrease sympathetic (adrenergic) activity. It is to be noted that in male sexual performance, erection is linked to cholinergic activity and to alpha-2 adrenergic blockade which may theoretically result in increased penile inflow, decreased penile outflow or both.

Yohimbine exerts a stimulating action on the mood and may increase anxiety. Such actions have not been adequately studied or related to dosage although they appear to require high doses of the drug. Yohimbine has a mild anti-diuretic action, probably via stimulation of hypothalamic centers and release of posterior pituitary hormone.

Reportedly, Yohimbine exerts no significant influence on cardiac stimulation and other effects mediated by B-adrenergic receptors. Its effect on blood pressure, if any, would be to lower it; however no adequate studies are at hand to quantitate this effect in terms of Yohimbine dosage.

Indications: Yocon[®] is indicated as a sympatholytic and mydriatic. It may have activity as an aphrodisiac.

Contraindications: Renal diseases, and patient's sensitive to the drug. In view of the limited and inadequate information at hand, no precise tabulation can be offered of additional contraindications.

Warning: Generally, this drug is not proposed for use in females and certainly must not be used during pregnancy. Neither is this drug proposed for use in pediatric, geriatric or cardio-renal patients with gastric or duodenal ulcer history. Nor should it be used in conjunction with mood-modifying drugs such as antidepressants, or in psychiatric patients in general.

Adverse Reactions: Yohimbine readily penetrates the (CNS) and produces a complex pattern of responses in lower doses than required to produce peripheral a-adrenergic blockade. These include, anti-diuresis, a general picture of central excitation including elevation of blood pressure and heart rate, increased motor activity, irritability and tremor. Sweating, nausea and vomiting are common after parenteral administration of the drug.^{1,2} Also dizziness, headache, skin flushing reported when used orally.^{1,3}

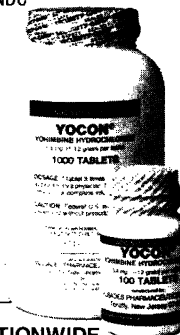
Dosage and Administration: Experimental dosage reported in treatment of erectile impotence.^{1,3,4} 1 tablet (5.4 mg) 3 times a day, to adult males taken orally. Occasional side effects reported with this dosage are nausea, dizziness or nervousness. In the event of side effects dosage to be reduced to 1/2 tablet 3 times a day, followed by gradual increases to 1 tablet 3 times a day. Reported therapy not more than 10 weeks.³

How Supplied: Oral tablets of Yocon[®] 1/12 gr. 5.4 mg in bottles of 100's NDC 53159-001-01 and 1000's NDC 53159-001-10.

References:

1. A. Morales et al., New England Journal of Medicine: 1221, November 12, 1981.
2. Goodman, Gilman — The Pharmacological basis of Therapeutics 6th ed., p. 176-188. McMillan December Rev. 1/85.
3. Weekly Urological Clinical letter, 27:2, July 4, 1983.
4. A. Morales et al., The Journal of Urology 128: 45-47, 1982.

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ARIZONA

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Brochures and registration forms are available from the contact person or organization sponsoring the program.

January 18-19—**1st Annual Current Topics in Anesthesiology.** Mayo Clinic-Scottsdale at Ritz Carlton, Phoenix. Sat-Sun. Contact: Trish Gean, (602) 391-8300.

January 25—**Scottsdale Asthma Conference.** Scottsdale Memorial Hospital, Greater Phoenix Allergy Society, Tucson Allergy Society, and Arizona Allergy Society at the Scottsdale Plaza Resort, Scottsdale. Sat. Contact: Merle Scherr, MD, (602) 994-9514.

January 27-31—**20th Annual Surgical Symposium.** Maricopa Medical Center and Phoenix Surgical Society at Scottsdale Hilton, Scottsdale. Mon-Fri. Contact: Marilyn Garter, (602) 266-6321.

January 27-31—**Psychopharmacology Review: Current Clinical Practice.** University of Arizona College of Medicine at Westin La Paloma Resort, Tucson. Mon-Fri. Contact: U of A.

January 30-February 1—**17th International Conference on Stroke and Cerebral Circulation.** American Heart Association at Phoenix. Fri-Sun. Contact: C. MacDonough, (214) 706-1441.

February 6-9—**Medical Acupuncture in 1992: Elegance and Clinical Excellence in Pain Management.** University of Arizona College of Medicine at Scottsdale Hilton Resort and Spa, Scottsdale. Thurs-Sun. Contact: (213) 937-5514.

February 14-16—**Anesthesia for the '90s: 18th Annual Scientific Meeting.** University of Arizona College of Medicine at Wyndham Paradise Valley Resort, Scottsdale. Fri-Sun. Contact: Beverly Richter, (602) 246-8901.

February 20-22—**18th Annual Frontiers in Ophthalmology.** St Luke's Medical Center at Red Lion's LaPosado Resort, Scottsdale. Thurs-Sat. Contact: Christine Campbell, (602) 820-7027.

February 24-27—**Practical Radiology.** University of Arizona College of Medicine at Loews Ventana Canyon Resort, Tucson. Mon-Thurs. Contact: U of A.

February 25-28—**14th Annual Tucson Hospitals Medical Education Medical Conference—Clinical Update.** Cascade Village, Durango, Colorado. Tues-Fri. Contact: Richard Dale, MD, (602) 885-2303.

February 27-28—**Advances in Obstetrics and Gynecology.** Maricopa Medical Center and Phoenix OB/GYN Society at Scottsdale Hilton, Scottsdale. Wed-Fri. Contact: Marilyn Harter, (602) 266-6321.

February 27-29—**Geriatric Medicine Update and Board Certification Review Course.** University of Arizona College of Medicine at Doubletree Hotel, Tucson. Thurs-Sat. Contact: U of A.

February 27-March 1—**Teaching Each Other—Arizona Academy of Family Physicians 43rd Annual Scientific Assembly.** Wyndham Paradise Valley Resort, Scottsdale. Thurs-Sun. Contact: Jerry Davis, (602) 249-2021.

June 4-6—**Arizona Medical Association—Annual Meeting.** Scottsdale. Thurs-Sat. Contact: ArMA.

CONTACT INFORMATION

ArMA—Contact: Arizona Medical Association, 810 W. Bethany Home Rd, Phoenix, AZ 85013. (602) 246-8901.

Mayo Clinic-Scottsdale—Contact: Jodi Lee Smith, Postgraduate Courses, Mayo Clinic-Scottsdale, (602) 391-8300.

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ALLERGY

February 6-8—**Allergy Diagnosis.** UCSD at La Jolla Village Inn. Thurs-Sat. 20 hrs. \$290. Contact: Janice Turner, PO Box 2586, La Jolla 92038. (619) 459-1564.

March 27-28—**Asthma and Allergy in the 1990s.** Medical Education Resources at Wyndham Hotel, Palm Springs. Fri-Sat. Contact: MER, 1500 W Canal Ct, Ste 500, Littleton, CO 80120. (800) 421-3756.

ANESTHESIOLOGY

January 19-21—**Second America-Japan Anesthesia Congress.** International Anesthesia Research Society at Sheraton Waikiki Hotel, Honolulu, Hawaii. Sun-Tue. 14 hrs. \$250. Contact: Vicky Larsen, University of Utah School of Medicine, 50 North Medical Drive, Salt Lake City, UT 84132. (801) 581-6115.

January 19-24—**Hawaiian Seminar on Clinical Anesthesia.** California Society of Anesthesiologists at Westin Maui Hotel, Kaanapali Beach, Maui, Hawaii. Sun-Fri. 20 hrs. Contact: California Society of Anesthesiologists, 1065 E Hillsdale Blvd, #410, Foster City 94404. (800) 345-3691.

January 24-26—**30th Clinical Conference in Pediatric Anesthesiology.** Children's Hospital of Los Angeles at Stouffer Concourse Hotel. Fri-Sun. 15 hrs. Contact: Katherine Barky, MD, PO Box 54700, Los Angeles 90054. (213) 669-2262.

March 13-17—**66th Congress of the International Anesthesia Research Society.** International Anesthesia Research Society at San Francisco Hilton & Towers. Fri-Tues. Contact: Anne Maggiore, IARS, 2 Summit Park Dr, Ste 140, Cleveland, OH 44131. (216) 642-1124.

March 21-22—**Postgraduate Assembly.** Los Angeles County Society of Anesthesiologists at Sheraton Universal Hotel, Universal City. Sat-Sun. Contact: Michael Carlson, 1903 Redondo Ave, Long Beach 90804. (213) 597-2661.

March 21-26—**20th Obstetric Anesthesia Conference.** Ohio State University Hospitals at Sheraton Waikiki Hotel, Honolulu, Hawaii. Sat-Thurs. Contact: Arlene Rogers, 410 W 10th Ave, Columbus, OH 43210. (614) 293-8487.

May 17-22—**Anesthesiology Review Course.** UCSD at San Diego Princess Resort. Sun-Fri. Contact: UCSD.

CARDIOLOGY

January 15—**21st Annual Respiratory Symposium.** Enloe Hospital and Chico Community Hospital at Esplanade Bldg Enloe Hospital, Chico. Wed. Contact: Linda Spring, (916) 891-7375.

January 18-25—**Cardiopulmonary Emergencies.** UCSD at Kona, Hawaii. 1 week. Contact: UCSD.

February 12—**32nd Annual Cardiology Symposium.** Enloe Hospital and Chico Community Hospital at Esplanade Bldg Enloe Hospital, Chico. Wed. Contact: Linda Spring, (916) 891-7375.

February 14-16—**Arrhythmias: Interpretation, Diagnosis and Management.** Medical Education Resources at Disneyland Hotel, Anaheim. Fri-Sun. Contact: MER, 1500 W Canal Ct, Ste 500, Littleton, CO 80120. (800) 421-3756.

(Continued on Page 16)

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(Continued from Page 14)

March 20-21—**Cardiac Diagnostic Methods & Risk Management.** Medical Education Resources at Caesars Palace, Las Vegas, Nevada. Fri-Sat. Contact: MER, 1500 W Canal Ct, Ste 500, Littleton, CO 80120. (800) 421-3756.

April 4—**Practical Cardiology for the '90s.** Grossmont Hospital at La Mesa. Sat. Contact: Karen Hamilton, PO Box 158, La Mesa 91944-0158. (619) 589-4168.

April 6-11—**31st Annual Cardiology Retreat.** Scripps Clinic and Research Foundation at Rancho Santa Fe. Mon-Sat. Contact: Scripps Clinic, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-8556.

April 21-23—**2nd Annual Symposium on Coronary Stenting: A Live Demonstration Course.** Scripps Clinic and Research Foundation at Sheraton Grande Torrey Pines Hotel, La Jolla. Tues-Thurs. 18 hrs. Contact: Scripps Clinic, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-8556.

May 1-2—**2nd International Symposium on Thrombolytic Therapy in Acute Ischemic Stroke.** Scripps Clinic and Research Foundation at San Diego Marriott, La Jolla. Fri-Sat. Contact: Scripps Clinic, Box 403C, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-8556.

CRITICAL CARE

February 3-7—**Critical Care Medicine.** USC at Caesar's Palace, Las Vegas, Nevada. Mon-Fri. 33.5 hrs. \$695. Contact: USC.

DERMATOLOGY

January 17-19—**Practical Dermatology and Dermatologic Office Procedures for the Primary Care Physician.** UCSD at Hyatt Regency, La Jolla. Fri-Sun. 20 hrs. Contact: Jacqueline Shiller, Box 84296, San Diego 92138. (619) 223-2997.

January 31-February 2—**Cutaneous Malignancies: 1992 Skin Cancer Update.** Scripps Clinic and Research Foundation at Sheraton Grande Torrey Pines Hotel, La Jolla. Fri-Sun. 18 hrs. Contact: Susan Buntjer, Scripps Clinic and Research Foundation, 10666 N Torrey Pines Road, La Jolla 92037. (619) 554-8556.

KEY TO ABBREVIATIONS

CMA:	California Medical Association Contact: Continuing Medical Education, California Medical Association, PO Box 7690, San Francisco 94120-7690. (415) 541-0900.
DREW:	Charles R. Drew Postgraduate Medical School Contact: Herbert M. Thomas, MD, MPH, Director of CME, Office of Continuing Education, Charles R. Drew Postgraduate Medical School, 1621 East 120th St, Los Angeles 90059. (213) 603-3183.
LLU:	Loma Linda University Contact: James J. Couperus, MD, Associate Dean for Educational Affairs, Loma Linda University School of Medicine, Loma Linda 92350.
PMC:	Pacific Medical Center Contact: Continuing Education, Pacific Medical Center, PO Box 7999, San Francisco 94120. (415) 563-4321, ext 2761.
STAN:	Stanford University Contact: Edward Rubenstein, MD, Associate Dean for Postgraduate Education, Medical School Office Building, Suite X-365, Stanford 94305-6114. (415) 723-5594.
UCD:	University of California, Davis Contact: Ruth Feryok, Director, Office of Continuing Medical Education, University of California, Davis, School of Medicine, 2701 Stockton Blvd, Sacramento 95817. (916) 734-5390.
UCI:	University of California, Irvine Contact: Melvin I. Marks, MD, Director, Memorial/UCI Center for Health Education, Long Beach Memorial Medical Center, 2801 Atlantic Ave, PO Box 1428, Long Beach, California 90801-1428. (213) 595-3811.
UCLA:	University of California, Los Angeles Extension Contact: Martin D. Shickman, MD, Director, Continuing Education in Medicine and the Health Sciences, PO Box 24902, UCLA, Los Angeles 90024. (310) 825-8423.
UCSD:	University of California, San Diego Contact: Office of Continuing Medical Education, University of California, San Diego, School of Medicine (M-017), La Jolla 92093. (619) 534-3940.
UCSF:	University of California, San Francisco Contact: Janet Johnson, Administrative Director, Extended Programs in Medical Education, School of Medicine, University of California, San Francisco 94143. (415) 476-4251.
USC:	University of Southern California Contact: Phil R. Manning, MD, Associate Dean, Postgraduate Division, University of Southern California School of Medicine, 1975 Zonal Ave, KAM314, Los Angeles 90033. (800) 872-1119.

February 27—**Problems of the Aging Skin.** Stanford Medical Center at Palm Springs. Thurs-Sun. Contact: Pamela Bain, R-144, Stanford 94305. (415) 723-7854.

EMERGENCY MEDICINE

January 13-17—**Emergency Medicine Symposia I.** UCSD at San Diego Hilton Beach and Tennis Resort. Mon-Fri. Contact: UCSD.

February 23-28—**Emergency Medicine.** UCD at Incline Village, Nevada. Sun-Fri. Contact: UCD.

March 8-13—**13th Annual Mammoth Mountain Emergency Medicine Ski Conference.** CAL/ACEP and Orange County Emergency Department at Mammoth Lakes. Sun-Fri. 18 hrs. \$395. Contact: Mark Song, Medical Conferences, PO Box 52-B, Newport Beach 92662. (714) 552-0831.

March 16-20—**Emergency Medicine Symposia II.** UCSD at Basic Science Building. Mon-Fri. Contact: UCSD.

March 20-21—**Advances in Emergency Medicine: Toxicology and Infectious Diseases.** UCLA at Hotel del Coronado. Fri-Sat. 13.5 hrs. \$125. Contact: UCLA Extension.

April 1-4—**8th Annual Advances in Emergency Medicine.** UCSF at Pan Pacific Hotel, San Francisco. Wed-Sat. \$455. Contact: UCSF.

May 6-10—**14th Biannual: Wound Management Workshop.** UCSD at San Diego Hilton Beach and Tennis Resort. Wed-Sun. 18 hrs. \$200-\$435. Contact: UCSD.

May 11-15—**Emergency Medicine Symposia I.** UCSD at San Diego Hilton Beach and Tennis Resort. Mon-Fri. Contact: UCSD.

June 22-26—**Emergency Medicine Symposia III.** UCSD at San Diego Hilton Beach and Tennis Resort. Mon-Fri. Contact: UCSD.

ENDOCRINOLOGY AND METABOLISM

March 4-5—**Advances in Endocrinology and Metabolism.** UCSF at Pan Pacific Hotel, San Francisco. Wed-Thurs. 14.5 hrs. \$295. Contact: UCSF.

March 6—**18th Annual Diabetes Symposium.** UCD at Sacramento. Fri. 6 hrs. \$140. Contact: UCD.

March 6-7—**Diabetes Update.** UCSF at Pan Pacific Hotel, San Francisco. Fri-Sat. 10 hrs. \$245. Contact: UCSF.

FAMILY PRACTICE/PRIMARY CARE

January 31-February 1—**3rd Annual Pediatric Dermatology for the Primary Care Physician.** UCSF at Le Meridien, San Francisco. Fri-Sat. 10.5 hrs. \$255. Contact: UCSF.

February 9-15—**UCI Family Practice Refresher Course.** Memorial/UCI Center for Health Education at Marriott Hotel, Newport Beach. Sun-Sat. Contact: UCI.

February 13-15—**Current Concepts in Cancer Management: A Symposium for Primary Care Physicians and Cancer Care Providers.** Hoag Memorial Center at Newport Beach Marriott. Thurs-Sat. \$350. Contact: Meeting Management, 5665 Oberlin, Ste 110, San Diego 92121. (619) 453-6222.

February 13-16—**44th Annual Scientific Assembly.** California Academy of Family Physicians at Sheraton Harbor Island Hotel, San Diego. Thurs-Sun. 26 hrs. \$275. Contact: Robert Fagan, CAFF, 114 Sansome St, Ste 1305, San Francisco 94104. (415) 394-9121.

February 14-16—**Office Gynecology for the Primary Care Physician.** SDSU at Hyatt Islandia, San Diego. Fri-Sun. 20 hrs. Contact: Jacqueline Shiller, PO Box 84296, San Diego 92138. (619) 223-2997.

February 17-19—**Issues in Men's Health.** SDSU at Hyatt Islandia, San Diego. Mon-Wed. 20 hrs. Contact: Jacqueline Shiller, PO Box 84296, San Diego 92138. (619) 223-2997.

February 29—**Dermatology for the Primary Care Physician.** UCLA at Biltmore Hotel, Los Angeles. Sat. 5.5 hrs. \$55. Contact: UCLA Extension.

March 25-27—**Annual Review in Family Medicine: Controversies and Challenges in Primary Care.** UCSF. Wed-Fri. 15.5 hrs. Contact: UCSF.

April 4—**Cardiology for Primary Care.** UCDMC at Cancer Center Auditorium. Sat. Contact: UCD.

April 4-11—**5th Annual Primary Care Medicine: Update 1992.** UCSF at Maui Intercontinental, Wailea, Maui, Hawaii. 1 week. \$540. Contact: UCSF.

April 9-11—**Advances in Rheumatology for Primary Care Physicians.** UCSF at Le Meridien Hotel, San Francisco. Thurs-Sat. \$240. Contact: UCSF.

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CONTINUING MEDICAL EDUCATION

(Continued from Page 16)

April 10-12—**Office Orthopedics for the Primary Care Physician.** Sharp Memorial Hospital at San Diego Princess Vacation Village, San Diego. Fri. 20 hrs. Contact: Jacqueline Shiller, PO Box 84296, San Diego 92138. (619) 223-2997.

June 15-20—**UCI Family Practice Refresher Course.** Memorial/UCI Center for Health Education at Marriott Hotel, Newport Beach. Mon-Sat. Contact: UCI.

GASTROENTEROLOGY

February 29-March 1—**Endoscopy Update 1992.** Southern California Society for Gastroenterology at Century Plaza Hotel, Los Angeles. Sat-Sun. Contact: Joyce Fried, University of California Brain Research Institute, Los Angeles 90024.

GERIATRICS

January 21-25—**9th UCLA Intensive Course in Geriatric Medicine.** UCLA at Beverly Hilton. Tues-Sat. 40 hrs. \$600. Contact: UCLA.

January 24-25—**Alzheimer's Disease: New Approaches to Treatment.** UCSD at Westgate Hotel, San Diego. Contact: Cass Jones, Professional Conference Management, 7916 Convoy Ct, San Diego 92111. (619) 565-9921.

March 6-8—**Recent Advances in Geriatric Medicine-Healthy People 2000: A New Look at Screening, Prevention and Rehabilitation in the Elderly.** UCSD at Pan Pacific Hotel, San Diego. Fri-Sun. Contact: Cass Jones, Professional Conference Management, 7916 Convoy Ct, San Diego 92111. (619) 565-9921.

March 16-17—**Exercise in Geriatric Care.** VA Sepulveda Medical Center at Burbank. Mon-Tues. Contact: Symposium Secretary, VA Medical Center, GRECC (11E), 16111 Plummer St, Sepulveda 91343. (818) 895-9311.

INFECTIOUS DISEASES

February 7-8—**10th Annual Practical Update of Infectious Disease.** UCD. Fri-Sat. 12 hrs. \$160. Contact: UCD.

April 25—**HIV Update.** UCDMC at Cancer Center Auditorium. Sat. Contact: UCD.

April 29-May 1—**13th Annual Advances in Infectious Diseases.** UCSF at San Francisco. Wed-Fri. \$400. Contact: UCSF.

May 6-8—**13th Annual Advances in Infectious Diseases.** UCSF at Sheraton Palace Hotel, San Francisco. Wed-Fri. \$400. Contact: UCSF.

INTERNAL MEDICINE

January 30-February 1—**Advanced Nephrology: Nephrology for the Consultant.** UCSD at La Jolla Marriott, San Diego. Thurs-Sat. 17 hrs. \$350. Contact: UCSD.

January 31-February 2—**State of the Art Urology.** UCLA at Ritz-Carlton, Marina del Rey. Thurs-Sat. 20.5 hrs. \$350. Contact: UCLA Extension.

February 22-27—**Topics and Advances in Internal Medicine.** UCSD at Sheraton Harbor Island, San Diego. Sat-Sun. Contact: UCSD.

February 23-25—**5th Annual Congress of the North American Society of Phlebology on the Advances in Sclerotherapy and the Advances in Surgical and Medical Treatment of Venous Disease.** North American Society of Phlebology and the American Academy of Dermatology at Grand Hyatt Union Square, San Francisco. Sun-Tues. 14 hrs. Contact: NASP, 204 N El Camino Real, E-234, Encinitas 92024. (619) 942-8380.

February 27-29—**1992 Zimmerman Conference: Progress in Vascular Biology, Hemostasis and Thrombosis.** Scripps Clinic at Sheraton Grande Torrey Pines Hotel, La Jolla. Thurs-Sat. Contact: Scripps Clinic, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-8556.

March 20-26—**Internal Medicine 1992: A Comprehensive Review.** Sharp Memorial Hospital at Hotel del Coronado. Fri-Thurs. 54 hours. Contact: Jacqueline Shiller, PO Box 84296, San Diego 92138. (619) 223-2997.

May 11-15—**20th Annual Advances in Internal Medicine.** UCSF at Ritz-Carlton Hotel, San Francisco. Mon-Fri. 33 hrs. \$610. Contact: UCSF.

June 22-26—**20th Annual Advances in Internal Medicine.** UCSF at Cole Hall Parnassus Campus. Mon-Fri. 32 hrs. \$610. Contact: UCSF.

NEUROLOGY

January 30-February 1—**15th Annual: Neurology for Non-Neurologists.** UCSD at Omni San Diego Hotel. Thurs-Sat. 21 hrs. \$375. Contact: UCSD.

February 13-15—**25th Annual Recent Advances in Neurology.** UCSF at San Francisco. Thurs-Sat. 15 hrs. Contact: UCSF.

OB/GYN

January 16-19—**OB/GYN and Ultrasound.** UCSD at Hotel del Coronado, San Diego. Thurs-Sun. 20 hrs. \$450. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

February 2-6—**Ambulatory Gynecology.** UCD at Hyatt Lake Tahoe, Incline Village, Nevada. Sun-Thurs. Contact: UCD.

February 13-16—**47th Annual Postgraduate Assembly.** OB/GYN Assembly of Southern California at Beverly Hilton, Beverly Hills. Thurs-Sun. 28 hrs. Contact: OB/GYN Assembly, 5820 Wilshire Blvd, #500, Los Angeles 90036. (213) 937-5514.

April 2-4—**Gynecologic Surgery.** Memorial/UCI Center for Health Education at Marquis Hotel, Palm Springs. Thurs-Sat. Contact: UCI.

April 2-4—**Ultrasound Update.** Memorial/UCI Center for Health Education at Bally's Hotel, Las Vegas. Thurs-Sat. Contact: UCI.

April 8-12—**Pacific Coast Fertility Society: Annual Scientific Program and Postgraduate Course.** Pacific Coast Fertility Society at Stouffer Esmeralda Resort, Indian Wells. Wed-Sun. 22 hrs. Contact: Director of Medical Education, 12760 La Mirada Blvd, Ste 220, La Mirada 90638. (213) 947-7068.

June 5-7—**Advanced Fetal Heart Rate Monitoring.** Memorial/UCI Center for Health Education at Radisson Hotel, Palm Springs. Fri-Sun. Contact: UCI.

OCCUPATIONAL/ENVIRONMENTAL

January 27-February 7—**Occupational and Environmental Medicine Series: Session I.** UCSF at Miyako Hotel, San Francisco. Mon-Fri. 80 hrs. \$1200. Contact: UCSF.

February 10-14—**Occupational and Environmental Medicine: Session III.** UCSF at Miyako Hotel Japan Center, San Francisco. Mon-Fri. 40 hrs. \$600. Contact: UCSF.

February 12-16—**Team Physician Course.** American College of Sports Medicine at Wyndham Hotel, Palm Springs. Wed-Sun. Contact: ACMS, PO Box 1440, Indianapolis, IN 46202-1440. (317) 637-9200.

ONCOLOGY

February 17-19—**Clinical Hematology and Oncology: 1992.** Scripps Clinic and Research Foundation at Sheraton Grande Torrey Pines Hotel, La Jolla. Mon-Wed. 18 hrs. \$385. Contact: Susan Buntjer, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-8556.

February 29—**Neo Adjuvant Approach to Non-Small Cell Lung Cancer.** UCD at Incline Village, Nevada. Sat. Contact: UCD.

March 5-7—**7th International Conference on Monoclonal Antibody Immunocjugates for Cancer.** UCSD at San Diego Marriott. Thurs-Sat. Contact: UCSD.

April 30-May 3—**Breast Cancer Conference.** Memorial/UCI Center for Health Education at Hyatt Regency, Long Beach. Thurs-Sun. Contact: UCI.

OPHTHALMOLOGY

January 31-February 4—**11th Annual Squaw Valley Retina Symposium.** Alta-California Ophthalmological Society at Resort at Squaw Creek, Olympic Valley. Fri-Tues. 16 hrs. Contact: Richard Murray, 2701 Eye St, Sacramento 95816. (916) 442-4975.

March 6-7—**6th Annual Visions in Ophthalmology: '92.** Scripps Memorial Hospital at Mericos Eye Institute. Fri-Sat. Contact: Meeting Management, (619) 453-6222.

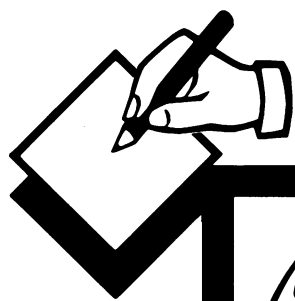
March 12-13—**Ophthalmology in Developing Countries: An International Symposium.** UCSF at Holiday Inn, San Francisco. Thurs-Fri. 15 hrs. \$350. Contact: UCSF.

May 15-16—**Pearls of Ocular Therapy.** Scripps Clinic and Research Foundation at La Jolla. Fri-Sat. Contact: Scripps Clinic, 403C, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-8556.

ORTHOPEDICS

January 23-25—**Orthopaedic Update II: Current Concepts and Advances.** UCSD at Hyatt Islandia Hotel, San Diego. Thurs-Sat. Contact: UCSD.

(Continued on Page 22)



The Western Journal of Medicine

Medical Student

1992 Writing Award Competition

\$1,000

CASH PRIZE!

■ Enter your original medical research or medical review article—the article must be of interest to clinicians and not previously published.

The winner will receive a \$1,000 cash prize and a two-year subscription to **The Western Journal of Medicine**. The winning article will be published in **WJM**. Deadline to enter, March 1, 1992.



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■ **WJM** is clinically oriented, national in scope, and not confined to any single specialty. Your article must be written in **WJM** style and be of interest to our readers. If, in the judgment of the editorial board, no articles meet the standards of **WJM**, no award will be made.

ADDITIONAL RULES:

- Articles must be 3,000 to 4,000 words in length. The manuscript must be identified as submitted for consideration for this award.
- Co-authorship is permitted if all authors meet the qualifications. The \$1,000 award will be divided equally among the co-authors.
- Articles must conform to **WJM's** style—our style guide, "Instructions for Authors," appears in the January and July issues, or you may write our editorial department for a copy of the guide.
- Articles will be judged by the editors and the editorial and advisory boards of the journal.
- The winner will be announced and the article published in **WJM**. In case of a tie, the \$1,000 award will be divided equally.

DEADLINE: MARCH 1, 1992.

For additional information write to:

THE WESTERN JOURNAL OF MEDICINE
Editorial Office/Award Competition
P.O. Box 7602
San Francisco, CA 94120-7602

CONTINUING MEDICAL EDUCATION

(Continued from Page 18)

January 23-26—**Fracture Management.** UCD at Resort at Squaw Creek, Squaw Valley. Thurs-Sun. Contact: UCD.

March 15-20—**The Spine: Current Concepts of Diagnosis and Treatment.** Vanderbilt University Medical Center Department of Orthopaedics at Grand Hyatt Wailea, Maui, Hawaii. Sun-Fri. \$575. Contact: The Spine/Current Concepts, c/o Unconventional Inc, 3960 Park Blvd, Ste E, San Diego 92103. (619) 692-9115.

PAIN MANAGEMENT

February 19-22—**The Practicing Physician's Approach to the Difficult Headache Patient.** University of Chicago School of Medicine at Wyndham Hotel, Palm Springs. Wed-Sat. 15 hrs. Contact: Idell Applebaum, Diamond Headache Clinic, 5252 N Western Ave, Chicago, IL 60625. (312) 878-0396.

PATHOLOGY

January-May 1992—**Bay Area Seminars in Cytopathology: 1992.** UCSF at Health Sciences West on Campus. Thursdays. 10 hrs. \$150. Contact: UCSF.

February 24-26—**Fine Needle Aspiration Basic Tutorial.** UCSF at Squaw Valley. Mon-Wed. 12 hrs. \$850. Contact: UCSF.

February 27-29—**Fine Needle Aspiration Advanced Tutorial.** UCSF at Squaw Valley. Thurs-Sat. 12 hrs. \$850. Contact: UCSF.

April 11—**7th Annual Conference: New Treatment in Chronic Liver Disease.** Scripps Clinic and Research Foundation at La Jolla. Sat. 6 hrs. Contact: Scripps Clinic, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-8556.

May 16—**Fine Needle Aspiration Basic Tutorial.** UCSF. Sat. 12 hrs. \$650. Contact: UCSF.

May 21-22—**Current Issues in Anatomic Pathology: 1992.** UCSF at Holiday Inn Union Square, San Francisco. Thurs-Fri. 13 hrs. \$325. Contact: UCSF.

PEDIATRICS

January 22-25—**San Diego Conference on Responding to Child Maltreatment.** Children's Hospital at Hyatt Regency Hotel, La Jolla. Wed-Sat. Contact: Children's Hospital, 8001 Frost St, San Diego 92123. (619) 495-4940.

February 7-9—**Current Concepts in Pediatric Medicine: 1992.** Children's Hospital San Diego at Hyatt Islandia Hotel, San Diego. Fri-Sun. 18 hrs. Children's Hospital, (619) 576-4072.

March 4-6—**17th Annual Care of the Sick Newborn.** Memorial/UCI Center for Health Education at Long Beach. Wed-Fri. Contact: UCI.

April 24-26—**1992 West Coast Regional Conference on Pediatric Psychology.** UCSF at Union Square Holiday Inn, San Francisco. Wed-Fri. Contact: UCSF.

May 14-16—**25th Annual Advances and Controversies in Clinical Pediatrics.** UCSF at Fairmont Hotel, San Francisco. Thurs-Sat. 16 hrs. \$325. Contact: UCSF.

June 26-28—**Current Concepts in Pediatric Respiratory Diseases.** Children's Hospital San Diego at Hyatt Islandia Hotel, San Diego. Wed-Fri. Contact: Continuing Education, (619) 576-4072.

PSYCHIATRY

January 26-31—**18th Annual Midwinter Program for Psychiatrists.** UCD at Hyatt Lake Tahoe. Sun-Fri. 25 hrs. \$395. Contact: UCD.

February 1-3—**West Coast Neuropsychological Assessment Conference: Recent Advances in the Boston Approach to Neuropsychological Assessment.** UCSD at Pan Pacific Hotel, San Diego. Sun-Mon. Contact: Cass Jones, Professional Conference Management, 7916 Convoy Ct, San Diego 92111. (619) 565-9921.

February 8-9—**Breakthroughs in Anxiety Disorders: Treating Anxiety, Panic and Obsessive-Compulsive Disorders and Depression.** UCSD at Omni Hotel, San Diego. Sat-Sun. Contact: Cass Jones, Professional Conference Management, 7916 Convoy Ct, San Diego 92111. (619) 565-9921.

February 15-16—**Victims of Abuse: The Emotional Impact of Child and Adult Trauma.** San Diego Psychoanalytic Society and Institute at Hyatt Regency La Jolla at Aventine. Sat-Sun. Contact: Cass Jones, Professional Conference Management, 7916 Convoy Ct, San Diego 92111. (619) 565-9921.

March 13-15—**West Coast Psychiatry Board Review: Preparation for Part II.** UCSD at US Grant Hotel, San Diego. Fri-Sun. Contact: Cass Jones, Professional Conference Management, 7916 Convoy Ct, San Diego 92111. (619) 565-9921.

April 10-11—**The Cutting Edge 1992: Erotic Mysteries—Intimacy, Sexuality and Gender in the '90s.** UCSD at Omni Hotel, San Diego. Fri-Sat. Contact: Cass Jones, Professional Conference Management, 7916 Convoy Ct, San Diego 92111. (619) 565-9921.

April 10-14—**The Power of the Art—Suggestive Therapeutics: An Introduction to Medical Hypnosis.** UCSD at Mission Bay Hilton, San Diego. Fri-Tues. Contact: UCSD.

April 23-24—**11th Annual Conference on Child Abuse and Neglect.** UCDMC at Radisson Hotel, Sacramento. Thurs-Fri. 12 hrs. \$175. Contact: UCD.

RADIOLOGY

January 26-31—**Advances in Neuro and Musculoskeletal MRI.** UCSF at Ritz-Carlton, Mauna Lani, Hawaii. Sun-Fri. 23.5 hrs. \$595. Contact: UCSF.

January 31-February 2—**44th Annual Midwinter Radiological Conference.** Los Angeles Radiological Society at Century Plaza Hotel, Los Angeles. Fri-Sun. 17.25 hrs. \$425. Contact: LARS, PO Box 91215, Los Angeles 90009-1215. (213) 827-9078.

February 3-7—**Magnetic Resonance Imaging in the Desert.** UCSF at Ritz-Carlton, Rancho Mirage. Mon-Fri. 22.5 hrs. \$595. Contact: UCSF.

February 4-7—**Advanced Seminars in Diagnostic Imaging.** UCSD at Le Meridien Hotel, Coronado. Tues-Fri. 20 hrs. \$500. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

February 4-8—**18th Annual Mid-Pacific Radiological Conference.** Los Angeles Radiological Society at Hyatt Regency Waikoloa, Hawaii. Tues-Sat. 18.5 hrs. \$550. Contact: LARS, PO Box 91215, Los Angeles 90009-1215. (213) 827-9078.

February 10-13—**Mammographically Detected Early Breast Cancer.** University of Alabama at Birmingham at Ritz-Carlton, Rancho Mirage. Mon-Thurs. 18 hrs. \$450. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

February 24-28—**Diagnostic Imaging Update: Body Imaging, Mammography, MRI and Interventional.** Stanford University Medical Center at Ritz-Carlton Mauna Lani, Hawaii. Mon-Fri. 23.5 hrs. \$550. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

February 27-29—**Head and Neck Imaging: Total Immersion.** UCSF at Ritz-Carlton, Rancho Mirage. Thurs-Sat. 14 hrs. \$325. Contact: UCSF.

February 27-30—**Advanced Seminars in Diagnostic Imaging.** UCSD at Ritz-Carlton, Laguna Niguel. Thurs-Sun. 20 hrs. \$500. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

March 2-6—**Magnetic Resonance Imaging.** UCSD at Hotel del Coronado, San Diego. Mon-Fri. 27.25 hrs. \$540. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

March 11-13—**12th Annual Current Approaches to Radiation Oncology, Biology, and Physics.** UCSF at Hotel Nikko, San Francisco. Wed-Fri. 18 hrs. \$375. Contact: UCSF.

March 13-15—**OB/GYN and Abdominal Sonography: Update 1992.** UCSF at Ritz-Carlton, San Francisco. Fri-Sun. 16 hrs. \$395. Contact: UCSF.

March 21-23—**Breast Imaging Update.** UCSF at Fairmont Hotel, San Francisco. Sat-Mon. 15 hrs. \$350. Contact: UCSF.

March 22-27—**MRI Workshop in Hawaii: 1992.** Queens Medical Center at Kea Lani Hotel, Wailea, Hawaii. Sun-Fri. 37 hrs. \$595. Contact: Susan Block, Queens Medical Ctr, 1301 Punchbowl St, Honolulu, HI 96813. (808) 547-4544.

April 5-10—**General Radiology Review Course.** UCLA at Miramar Sheraton Hotel, Santa Monica. Sun-Fri. 40 hrs. \$425. Contact: UCLA.

April 19-24—**Residents Radiology Review Course.** UCSD at Hotel del Coronado, San Diego. Sun-Fri. 39 hrs. \$470. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

April 25—**Interventional Radiology.** UCSD at Hotel del Coronado, San Diego. Sat. 8 hrs. \$125. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

May 4-8—**MRI: A State of the Art Clinical Review.** Stanford University Medical Center at Ritz-Carlton, San Francisco. Mon-Fri. 23.5 hrs. \$540. Contact: UCSD.

May 8-10—**Advanced Seminars in Diagnostic Imaging.** UCSD at Ritz-Carlton, Laguna Niguel. Fri-Sun. 15 hrs. \$400. Contact: UCSF.

May 21-24—**Doppler and Duplex Imaging.** UCSD at Le Meridien Hotel, San Diego. Thurs-Sun. 21.5 hrs. Contact: UCSD.

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CONTINUING MEDICAL EDUCATION

(Continued from Page 22)

REHABILITATIVE/THERAPEUTIC

March 5-7—**Rehabilitation: Science, Technology, Quality and Costs—Present and Future.** Scripps Memorial Hospital at La Jolla Marriott. 18.5 hrs. \$395. Contact: Meeting Management, 5665 Oberlin Dr, Ste 110, San Diego 92121. (619) 453-6222.

SLEEP MEDICINE

January 30-31—**New Horizons in Sleep Disorders Medicine.** California Thoracic Society at Doubletree Resort, Palm Springs. Thurs-Fri. Contact: California Thoracic Society, 202 Fashion Ln, #219, Tustin 92680. (714) 730-1944.

April 3-4—**Pharmacotherapeutics in Clinical Sleep Medicine.** Scripps Clinic and Research Foundation at La Jolla. Fri-Sat. Contact: Scripps Clinic, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-8556.

SURGERY

January-May 1992—**Temporal Bone Surgical Dissection Courses.** House Ear Institute at Los Angeles. 6 days each. 53 hrs. \$1100. Contact: Antonio De la Cruz, House Ear Institute, 2100 W 3rd St, Los Angeles 90057. (213) 483-4431, ext 7079.

January 17-18—**What's New in General Surgery.** UCD at Radisson Hotel, Sacramento. Fri-Sat. 16 hrs. \$295. Contact: UCD.

February 8-11—**International Symposium on Hair Replacement Surgery.** American Academy of Facial Plastic and Reconstructive Surgery at Century City J W Marriott, Los Angeles. Sat-Tues. Contact: Sharon Clawson, (213) 278-8823.

February 9-14—**15th Annual San Diego Postgraduate Assembly in Surgery.** UCSD at Hotel del Coronado, San Diego. Sun-Fri. Contact: UCSD.

February 12-14—**2nd International Lung Transplant Symposium: Update 1992.** Cedars-Sinai Medical Center at Ritz-Carlton, Laguna Niguel. Wed-Fri. 6.5 hrs. \$500. Contact: Carolyn Lavitt, Continuing Education, 8700 Beverly Blvd, Los Angeles 90048. (213) 855-5547.

February 29-March 1—**Renal Transplantation in the 1990s.** Sharp Memorial Hospital at Four Seasons Hotel, Newport Beach. Sat-Sun. 9 hrs. \$175. Contact: Sharp Memorial Hospital, 7901 Frost St, San Diego 92123. (619) 541-4530.

March 18-21—**Surgical Challenges in the Head and Neck: A Dissection Course Emphasizing Contemporary Strategies.** UCSD at Basic Science Bldg, La Jolla. Wed-Sat. Contact: UCSD.

March 19-22—**42nd Annual Surgical Forum.** Society of Graduate Surgeons at Beverly Hilton, Beverly Hills. Thurs-Sun. Contact: SGS, 5820 Wilshire Blvd, Ste 500, Los Angeles 90036. (213) 937-5514.

March 26-28—**Symposium on Aesthetic Surgery of the Face.** UCSF at Sheraton Palace Hotel, San Francisco. Thurs-Sat. 18 hrs. \$800. Contact: UCSF.

April 2-3—**General Thoracic Surgery.** American College of Chest Physicians at Caesar's Palace Hotel, Las Vegas, Nevada. Thurs-Fri. 13 hrs. \$325. Contact: ACCP, PO Box 93826, Chicago, IL 60673. (800) 343-2227.

April 2-4—**Postgraduate Course in General Surgery.** UCSF at Ritz-Carlton, San Francisco. Thurs-Sat. Contact: UCSF.

April 2-4—**12th Annual Meeting and Scientific Sessions of the International Society for Heart Transplantation.** UCSD at San Diego Marriott. Thurs-Sat. Contact: UCSD.

GENERAL/MULTIDISCIPLINARY

January 25-27 and March 1-2—**Lactation Educator Training Programs.** UCLA at Loma Linda. 22.5 hrs. \$725. Contact: UCLA.

February 24-28—**Physician Heal Thyself.** UCSD at San Diego Princess Resort. Mon-Fri. Contact: UCSD.

February 28-29—**Nutrition: A Key Partner in the Treatment of Frequently Encountered Medical Problems.** UCD at Walnut Creek. Fri-Sat. Contact: UCD.

March 12-13—**Dimensions of Caring 1992: Enhancing Quality of Life in Palliative Care.** Scripps Clinic and Research Foundation at Omni Hotel, San Diego. Thurs-Fri. Contact: Scripps Clinic, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-8556.

April 2-4—**Medicine Today.** UCSD at Price Center. Thurs-Sat. Contact: UCSD.

April 9-13—**Lactation Educator Training Programs.** UCLA at Westwood. 22.5 hrs. \$725. Contact: UCLA.

(Continued on Page 95)

BuSpar® (buspirone HCl)

References: 1. Feighner JP, Cohn JB. Analysis of individual symptoms in generalized anxiety—a pooled, multistudy, double-blind evaluation of buspirone. *Neuropsychobiology*. 1989;21:124-130. 2. Newton RE, Maruncz JD, Alderice MT, Napolitano MJ. Review of the side-effect profile of buspirone. *Am J Med*. 1986;80 (suppl 3B):17-21. 3. Lader M. Assessing the potential for buspirone dependence or abuse and effects of its withdrawal. *Am J Med*. 1987;82 (suppl 5A):20-26.

Contraindications: Hypersensitivity to buspirone hydrochloride.

Warnings: The administration of BuSpar to a patient taking a monoamine oxidase inhibitor (MAOI) may pose a hazard. Since blood pressure has become elevated when BuSpar was administered concomitantly with an MAOI, such concomitant use is not recommended. BuSpar should not be employed in lieu of appropriate antipsychotic treatment.

Precautions: **General—Interference with cognitive and motor performance:** Although buspirone is less sedating than other anxiolytics and does not produce significant functional impairment, its CNS effects in a given patient may not be predictable; therefore, patients should be cautioned about operating an automobile or using complex machinery until they are reasonably certain that buspirone does not affect them adversely. Although buspirone has not been shown to increase alcohol-induced impairment in motor and mental performance, it is prudent to avoid concomitant use with alcohol.

Potential for withdrawal reactions in sedative/hypnotic/anxiolytic drug dependent patients: Because buspirone will not block the withdrawal syndrome often seen with cessation of therapy with benzodiazepines and other common sedative/hypnotic drugs, before starting buspirone withdrawal patients gradually from their prior treatment, especially those who used a CNS depressant chronically. Rebound or withdrawal symptoms may occur over varying time periods, depending in part on the type of drug and its elimination half-life. The withdrawal syndrome can appear as any combination of irritability, anxiety, agitation, insomnia, tremor, abdominal cramps, muscle cramps, vomiting, sweating, flu-like symptoms without fever, and occasionally even as seizures.

Possible concerns related to buspirone's binding to dopamine receptors: Because buspirone can bind to central dopamine receptors, a question has been raised about its potential to cause acute and chronic changes in dopamine mediated neurological function (eg, dystonia, pseudoparkinsonism, akathisia, and tardive dyskinesia). Clinical experience in controlled trials has failed to identify any significant neuroleptic-like activity; however, a syndrome of restlessness, appearing shortly after initiation of treatment, has been reported; the syndrome may be due to increased central noradrenergic activity or may be attributable to dopaminergic effects (ie, represent akathisia).

Information for Patients—Patients should be instructed to inform their physician about any medications, prescription or nonprescription, alcohol or drugs they are now taking or plan to take during treatment with buspirone; to inform their physician if they are pregnant, are planning to become pregnant, or become pregnant while taking buspirone; to inform their physician if they are breast feeding, and to drive a car or operate potentially dangerous machinery until they experience how this medication affects them.

Drug Interactions—Concomitant use with other CNS active drugs should be approached with caution (see **Warnings**). Concomitant use with trazodone may have caused 3- to 6-fold elevations on SGPT (ALT) in a few patients. Concomitant administration of BuSpar and haloperidol resulted in increases serum haloperidol concentrations in normal volunteers. The clinical significance is not clear. Buspirone does not displace tightly bound drugs like phenytoin, propranolol, and warfarin from serum proteins, but may displace less firmly bound drugs like digoxin. However, there was one report of prolonged prothrombin time when buspirone was given to a patient also treated with warfarin, phenytoin, phenobarbital, digoxin, and Synthroid.

Carcinogenesis, Mutagenesis, Impairment of Fertility—No evidence of carcinogenic potential was observed in rats or mice; buspirone did not induce point mutations, nor was DNA damage observed; chromosomal aberrations or abnormalities did not occur.

Pregnancy: Teratogenic Effects—Pregnancy Category B: Should be used during pregnancy only if clearly needed.

Nursing Mothers—Administration to nursing women should be avoided if clinically possible.

Pediatric Use—The safety and effectiveness have not been determined in individuals below 18 years of age.

Use in the Elderly—No unusual, adverse, age-related phenomena have been identified in elderly patients receiving a total, modal daily dose of 15 mg.

Use in Patients with Impaired Hepatic or Renal Function—Since buspirone is metabolized by the liver and excreted by the kidneys, it is not recommended in severe hepatic or renal impairment.

Adverse Reactions (See also Precautions): Commonly Observed—The more commonly observed untoward events, not seen at an equivalent incidence in placebo-treated patients, include dizziness, nausea, headache, nervousness, lightheadedness, and excitement.

Associated with Discontinuation of Treatment—The more common events causing discontinuation included: central nervous system disturbances (3.4%), primarily dizziness, insomnia, nervousness, drowsiness, lightheaded feeling, gastrointestinal disturbances (1.2%), primarily nausea, miscellaneous disturbances (1.1%), primarily headache and fatigue. In addition, 3.4% of patients had multiple complaints, none of which could be characterized as primary.

Incidence in Controlled Clinical Trials—Adverse events reported by 1% or more of 477 patients who received buspirone in four-week controlled trials. **Cardiovascular:** Tachycardia/palpitations 1%, CNS: Dizziness 12%, drowsiness 10%, nervousness 5%, insomnia 3%, lightheadedness 3%, decreased concentration 2%, excitement 2%, anger/hostility 2%, confusion 2%, depression 2%. **EENT:** Blurred vision 2%. **Gastrointestinal:** Nausea 8%, dry mouth 3%, abdominal/gastric distress 2%, diarrhea 2%, constipation 1%, vomiting 1%. **Musculoskeletal:** Musculoskeletal aches/pains 1%. **Neurological:** Numbness 2%, paresthesia 1%, incoordination 1%, tremor 1%. **Skin:** Skin rash 1%. **Miscellaneous:** Headache 6%, fatigue 4%, weakness 2%, sweating/clamminess 1%.

Other Events Observed During the Entire Premarketing Evaluation—The relative frequency of all other undesirable events reasonably associated with the use of buspirone in approximately 3000 subjects who took multiple doses of the drug under well-controlled, open, and uncontrolled conditions is defined as follows: Frequent are those occurring in at least 1/100 patients; infrequent are those occurring in 1/100 to 1/1000 patients; and rare are those occurring in less than 1/1000 patients. **Cardiovascular—**frequent, non-specific chest pain, infrequent, syncope, hypotension, hypertension, rare: cerebrovascular accident, congestive heart failure, myocardial infarction, cardiomyopathy, bradycardia. **Central Nervous System—**frequent, dream disturbances, infrequent, depersonalization, dysphoria, noise intolerance, euphoria, akathisia, fearfulness, loss of interest, dissociative reaction, hallucinations, suicidal ideation, seizures; rare: feelings of claustrophobia, cold intolerance, stupor, slurred speech, psychosis. **EENT—**frequent, tinnitus, sore throat, nasal congestion, infrequent, redness and itching of the eyes, altered taste, altered smell, conjunctivitis, rare: inner ear abnormality, eye pain, photophobia, pressure on eyes. **Endocrine—**rare, galactorrhea, thyroid abnormality. **Gastrointestinal—**infrequent, flatulence, anorexia, increased appetite, salivation, irritable colon, rectal bleeding, rare: burning of the tongue. **Genitourinary—**infrequent, urinary frequency, urinary hesitancy, menstrual irregularity and spotting, dysuria; rare: amenorrhea, pelvic inflammatory disease, enuresis, nocturia. **Musculoskeletal—**infrequent, muscle cramps, muscle spasms, rigid/stiff muscles, arthralgias. **Neurological—**infrequent, involuntary movements, slowed reaction time; rare: muscle weakness. **Respiratory—**infrequent, hyperventilation, shortness of breath, chest congestion; rare: epistaxis. **Sexual Function—**infrequent, decreased or increased libido; rare: delayed ejaculation, impotence. **Skin—**infrequent, edema, pruritus, flushing, easy bruising, hair loss, dry skin, facial edema, blisters; rare: acne, thinning of nails. **Clinical Laboratory—**infrequent, increases in hepatic aminotransferases (SGOT, SGPT); rare: eosinophilia, leukopenia, thrombocytopenia. **Miscellaneous—**infrequent, weight gain, fever, ringing sensation in the head, weight loss, malaise; rare: alcohol abuse, bleeding disturbance, loss of voice, hiccoughs.

Postintroduction Clinical Experience—Rare occurrences of allergic reactions, cogwheel rigidity, dystonic reactions, ecchymosis, emotional lability, tunnel vision, and urinary retention have been reported. Because of the uncontrolled nature of these spontaneous reports, a causal relationship to BuSpar has not been determined.

Drug Abuse and Dependence: Controlled Substance Class—Not a controlled substance. **Physical and Psychological Dependence—**Buspirone has shown no potential for abuse or diversion and there is no evidence that it causes tolerance, or either physical or psychological dependence. However, since it is difficult to predict from experiments the extent to which a CNS-active drug will be misused, diverted, and/or abused once marketed, physicians should carefully evaluate patients for a history of drug abuse and follow such patients closely, observing them for signs of buspirone misuse or abuse (eg, development of tolerance, incrementation of dose, drug-seeking behavior).

Overdosage: Signs and Symptoms—At doses approaching 375 mg/day the following symptoms were observed: nausea, vomiting, dizziness, drowsiness, miosis, and gastric distress. No deaths have been reported in humans either with deliberate or accidental overdosage.

Recommended Overdose Treatment—General symptomatic and supportive measures should be used along with immediate gastric lavage. No specific antidote is known and dialyzability of buspirone has not been determined.

For complete details, see Prescribing Information or consult your Mead Johnson Pharmaceuticals Representative.

U.S. Patent Nos. 3,717,634 and 4,182,763

MJL8-4270R2

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A Bristol Myers Squibb Co.
Princeton, New Jersey 08543
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INSTRUCTIONS FOR AUTHORS

Our readership represents all specialties of medicine. We wish to receive and publish manuscripts that are valid, important, lively, well-written, and succinct. They should be of interest to a broad range of busy practitioners, students, researchers, and scholars who have a clinical orientation. The purpose of a paper or letter may be to alert, review, discuss—above all, to teach. Titles should be short and intriguing. Avoid jargon, the overuse of abbreviations and acronyms, sexist language, redundancies, or expendable words and phrases (see *AMA Manual of Style*, 8th Edition).

Manuscript Information

Manuscripts should be sent to the Editor, Linda Hawes Clever, MD, *The Western Journal of Medicine*, 221 Main Street, San Francisco, California 94105. Manuscripts must be original, not previously published, and not under consideration by another publication. If preliminary data were included in another presentation or publication, that should be noted in the cover letter and a copy of that publication should be included.

Manuscripts should not exceed 3,000 words (15 double-spaced pages). Case Reports, Alerts, and Notices should not exceed 1,500 words. Lessons From the Practice should not exceed 1,000 words.

Manuscripts, except for Case Reports, Epitomes, and Lessons From the Practice, should include an abstract of no more than 200 words summarizing the article. Abstracts should include a description of the purpose, design, patients, results, and conclusions.

Letters to the Editor must be double-spaced and will be published at the discretion of the Editors. They may be edited for style and brevity. Those of a scientific nature may be subject to peer review. They should be no more than 500 words in length. Authors will be sent galley proofs before publication.

Letter of Transmittal

All authors must sign the letter of transmittal, with one author designated as correspondent and his or her name, address, and telephone number included.

The order of authorship is determined by the authors. All authors should meet the basic criteria for authorship (as stated below). Because order of authorship is assigned in different ways its meaning cannot be inferred accurately unless it is stated by the authors. Authors may wish to add an explanation of the order of authorship in a footnote. In deciding on order, authors should be aware that many journals limit the number of authors listed in the table of contents and that the National Library of Medicine lists in MEDLINE only the first 10 authors.

A letter of transmittal, except for one accompanying a manuscript from US Government employees whose work was done as part of their official duties, must include a paragraph that transfers copyright: "In consideration for reviewing and editing my submission, the author(s) undersigned hereby transfers, assigns, or otherwise conveys all copyright ownership to *The Western Journal of Medicine*, in the event that such work is published by the journal."

The letter of transmittal must include a statement of author responsibility: "I have participated in the conception and design of this work and in the writing of the manuscript and take public responsibility for it. I have reviewed the final version of the manuscript and approve it for publication. I attest to the validity and legitimacy of data in the manuscript and agree to be named as the lead author or coauthor of the manuscript."

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Research or project support should be included as a footnote to the manuscript or the accompanying cover letter.

Manuscripts concerned with experimental investigation on human subjects must include in the text a statement that all subjects gave their informed consent and that approval of the appropriate ethics committee was obtained.

Acknowledgments

Acknowledgments will be printed on a select basis—to acknowledge those who contributed to but were not involved in the writing or review of the paper.

Preparation of Manuscripts

Everything, including references, tables, figure legends, and abstracts, must be double-spaced.

The original manuscript and two copies should be submitted on standard-sized heavy bond paper. Allow a margin of 2.5 to 4 cm (1 to 1.5 in) on both sides. Manuscripts transmitted by facsimile machine are not acceptable unless requested by the Editors.

All values should be in Système International (SI) units, with metric equivalents following in parentheses. Temperature readings should be given in Celsius. Use the generic name of drugs, with the salt or ester given when first used.

Figures (illustrations) should be submitted in triplicate in black and white, unmounted 12.7 × 17.8 cm (5 × 7 in) glossy prints, with the figure number, author's name, and top of the photo indicated with a label on the back. Patients (and relatives) have a right to anonymity in published clinical documentation. Details that might identify patients should be avoided unless essential for scientific purposes. Masking of the eye region in photographs of patients may be inadequate protection of anonymity. If identification of patients is unavoidable, informed consent should be obtained, and this should be clearly stated in the article. Changing data on patients should not be used as a way of securing anonymity. Figure legends, to be typed in sequence on the same page, should be in complete sentences. Any figures or tables previously published must be accompanied by a letter of permission to borrow from the copyright holder (the previous publisher).

The permission of the authors should also be obtained. The Editors discourage the use of borrowed figures or tables.

All manuscripts will be subject to peer review to determine the originality, validity, and importance of content and conclusions. Reviewers' comments will be returned with rejected manuscripts at the discretion of the Editors. All reviewers will remain anonymous. Any conflict of interest, actual or potential, will have been revealed to the Editors.

All accepted manuscripts are subject to copy editing, and the corresponding author is sent edited galley proofs for approval and necessary minor changes. Excessive changes at this stage may result in a delay of publication or withdrawal of the paper. No changes will be made after the final, edited version has been approved by the corresponding author without notifying the author. It is the corresponding author's responsibility to clear all corrections and changes with his or her coauthors.

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A form to order reprints will be sent to the author when the article is published.

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All references should be cited in the text and listed in their order of citation. They should be pertinent to the text and not simply a listing of the results of a computerized search. They should be in *WJM* style per the examples given below.

(All references should be medical, scientific, or scholarly publications. Others—newspapers, magazines, etc.—should be kept to a minimum and included in the text.)

Journal Articles

Abbreviations of journal titles should conform to those used in *Index Medicus*. List up to six authors; for seven or more, use et al after listing the first three.

1. Jones JS, Anderson HW Jr, Johnson DW, et al: The athletic heart revisited—Sudden death of a 28-year-old athlete. *JAMA* 1978; 292:444-456

2. Berman SM, Shah B, Wyle FA, Dacosta-Iyer M, McRae DM: Disseminated *Pneumocystis carinii* in a patient receiving aerosolized pentamidine prophylaxis. *West J Med* 1990; 153:82-86

Books

3. Berne EJ: Role playing in therapy, chap 2, *Principles of Group Therapy*. New York, NY, Oxford University Press, 1966, pp 35-51 (author of book is same as author of chapter)

4. Munsung JD: The role of drugs, chap 2, *In* Brest AN, Mayer JD (Eds): *Hypertension—Vol 3, Therapy*, 2nd Ed. Chicago, Ill, Year Book Medical Publishers, 1961, pp 456-479 (authors of book differ from chapter author)

Correspondence

5. Shusterman D: Espresso maker's wrist (Correspondence). *West J Med* 1990; 152:721-722

Government Publications

6. The Health Consequences of Smoking—Cardiovascular Disease: A Report of the Surgeon General. Washington, DC, US Dept of Health and Human Services publication No. (PHS) 84-50204, 1983

7. Centers for Disease Control: Update: Acquired immunodeficiency syndrome—United States. *MMWR* 1987; 36:522-526

Proceedings

8. O'Connell M: A Controlled Trial of Regional Intra-arterial FUDR Versus Systemic 5FU for the Treatment of Metastatic Colorectal Cancer Confined to the Liver. Presented at the annual meeting of the American Society of Clinical Oncology, San Francisco, December 1989

Mass Circulation Publications (Do not include in reference list; put in text) (T. Harris, "Selenium-Rich Sediments Also Have Been Reported in Wildlife Refuges," *The Sacramento Bee*, September 8, 1985, p 5)

Personal Communications and Unpublished Data

This material should not be included in the reference list but should be given in parentheses in the body of the text, listing the person's name, highest academic degrees, and professional affiliation, whether the communication was oral or written, and the date (month and year).

Lyme disease has been reported in red squirrels (J. Sneed, PhD, Department of Wildlife, written communication, September 1990).

CHECKLIST

- Original manuscript and 2 copies
- Everything double-spaced
- Illustrations, black and white glossy, identified with lead author's name—3 sets, plus figure legends that describe fully and in complete sentences what the figure depicts
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CONTINUING MEDICAL EDUCATION

*(Continued from Page 23)***COLORADO**

This listing of continuing medical education programs in Colorado is compiled by the Denver Medical Society. To list CME programs here, please send information at least two months in advance to: Mr Robert L. Kennedy, Denver Medical Society, 1850 Williams Street, Denver, CO 80218; or telephone (303) 377-1850.

Brochures, course information, and registration forms are available from the contact person or organization.

January 25-February 1—Reconstructive Surgery of the Hip and Knee. University of Colorado School of Medicine at Snowmass Conference Center, Snowmass Village. One week. Contact: Joann Bauer, (303) 270-5195 or (800) 882-9153.

January 25-February 1—Fifteenth Annual Infectious Diseases in Clinical Practice. UCSF at Beaver Run Resort and Conference Center, Breckenridge. Sat-Sat. 24 hrs. Contact: UCSF.

February 2-9—Office-based Sports Medicine—9th Annual Symposium. University of California, San Francisco, School of Medicine, at Tamarron Resort—Purgatory Ski Area, Durango. One week. Contact: Extended Programs in Medical Education, UCSF School of Medicine, Room LS-105. (415) 476-4251.

February 8-15—Seventeenth Annual Vail Psychiatry Conference. Rose Medical Center and University of Colorado School of Medicine at Lion Square Lodge, Vail. One week. Contact: David R. Scott, (800) 525-5810.

February 8-15—Sixth Annual Duke Symposium on Dermatologic and Rheumatic Diseases. Duke University Medical Center at Marriott Mark Resort, Vail. One week. Contact: Symposium Coordinator, Duke University, (800) 457-1125.

February 8-15—Fourteenth Annual Vail Emergency Medicine Conference. Rose Medical Center and University of Colorado School of Medicine at Marriott Mark Resort, Vail. One week. Contact: David R. Scott, (800) 525-5810.

February 10-14—Family Practice Review, University of Colorado School of Medicine, Denver. Mon-Fri. Contact: Joann Bauer, (303) 270-5195 or (800) 882-9153.

February 14-16—Advanced Laparoscopy for the General Surgeon. Rose Medical Center and University of Colorado School of Medicine at Loew's Giorgio Hotel and University of Colorado Health Sciences Center, Denver. Fri-Sun. Contact: David R. Scott, (800) 525-5810.

February 15-22—Eighteenth Annual Vail Obstetrics and Gynecology Conference. Rose Medical Center and University of Colorado School of Medicine at Marriott Mark Resort, Vail. One week. Contact: David R. Scott, (800) 525-5810.

February 15-22—Seventeenth Annual Vail Internal Medicine Conference. Rose Medical Center and University of Colorado School of Medicine at Lion Square Lodge, Vail. One week. Contact: David R. Scott, (800) 525-5810.

February 22-29—Seventeenth Annual Vail General and Vascular Surgery Conference. Rose Medical Center and University of Colorado School of Medicine at Marriott Mark Resort, Vail. One week. Contact: David R. Scott, (800) 525-5810.

February 22-29—Neurology for the Primary Care Physician. Rose Medical Center and University of Colorado School of Medicine at The Antlers at Vail. One week. Contact: David R. Scott, (800) 525-5810.

February 28-March 2—Principles of Anesthesia Technology. University of Colorado School of Medicine at Marriott Mark Resort, Vail. Fri-Mon. Contact: Joann Bauer, (303) 270-5195 or (800) 882-9153.

February 29-March 7—Colorado Review of Anesthesia. University of Colorado School of Medicine at Marriott Mark Resort, Vail. One week. Contact: Joann Bauer, (303) 270-5195 or (800) 882-9153.

February 29-March 7—Horizons in Surgery. University of Colorado School of Medicine at Beaver Run Resort, Breckenridge. One week. Contact: Joann Bauer, (303) 270-5195 or (800) 882-9153.

(Continued on Page 96)

CONTINUING MEDICAL EDUCATION

(Continued from Page 95)

February 29-March 7—**Third Annual Vail Infectious Disease Conference.** Rose Medical Center and University of Colorado School of Medicine at The Antlers at Vail. One week. Contact: David R. Scott, (800) 525-5810.

February 29-March 7—**Fourteenth Annual Vail Pediatrics Conference.** Rose Medical Center and University of Colorado School of Medicine at Marriott Mark Resort, Vail. One week. Contact: David R. Scott, (800) 525-5810.

March 7-14—**Seventeenth Annual Vail Primary Care Conference.** Rose Medical Center and University of Colorado School of Medicine at Marriott Mark Resort, Vail. One week. Contact: David R. Scott, (800) 525-5810.

March 7-14—**"Minding the Body, Mending the Mind": Influencing Health and Healing.** Rose Medical Center and University of Colorado School of Medicine at The Antlers at Vail. One week. Contact: David R. Scott, (800) 525-5810.

March 7-14—**Fifteenth Annual Vail Cancer Treatment Conference.** Rose Medical Center and University of Colorado School of Medicine at The Antlers at Vail. One week. Contact: David R. Scott, (800) 525-5810.

March 14-21—**Fifteenth Annual Vail Urology Conference.** Rose Medical Center and University of Colorado School of Medicine at Marriott Mark Resort, Vail. One week. Contact: David R. Scott, (800) 525-5810.

March 14-21—**Fourteenth Annual Vail Sports Medicine Conference.** Rose Medical Center and University of Colorado School of Medicine at Marriott Mark Resort, Vail. One week. Contact: David R. Scott, (800) 525-5810.

March 16-19—**Nineteenth Annual Neonatal and Infant Respiratory Symposium.** Ohio State University Hospitals at Marriott Mark Resort, Vail. Mon-Thurs. Contact: Arlene Rogers, Ohio University Hospitals, (614) 293-8487.

March 21-28—**Headache and Facial Pain Conference.** Rose Medical Center and University of Colorado School of Medicine at The Antlers at Vail. One week. Contact: David R. Scott, (800) 525-5810.

March 21-28—**Fourth Annual Colorado Geriatrics Overview/Board Review.** University of Colorado School of Medicine at Iron Horse Resort, Winter Park. One week. Contact: Joann Bauer, (303) 270-5195 or (800) 882-9153.

First Wednesday of Each Month—**Various Topics in Neurology.** Sponsored by the Colorado Society of Clinical Neurologists. Contact: Colorado Society of Neurologists, (303) 449-3566.

CONTACT INFORMATION

U of Colo—Contact: University of Colorado School of Medicine, Office of Continuing Medical Education, 4200 E 9th Ave, Denver, CO. (303) 270-5195.

IDAHO

February 21-23—**33rd Annual Medical Winter Clinics—Wilderness and Travel Medicine.** Ada County Medical Society at Shore Lodge, McCall. Fri-Sun. 9 hrs. Cat. 1. \$100 for Idaho Medical Association members; \$150, nonmembers. Contact: Judy Barningham, Ada County Medical Society, PO Box 2668, Boise 83701. (208) 336-2930.

March 20—**Idaho Thoracic Society—Annual Medical Symposium.** St Alphonsus Regional Medical Center, Boise. Fri. Contact: Bill Smith, Program Director, Idaho Thoracic Society, 1111 S Orchard, Ste 245, Boise, ID 83705. (208) 344-6567.

NEW MEXICO

Information, requests for accreditation, and items to be listed should be sent to the chair of the CME Committee, New Mexico Medical Society, 7770 Jefferson, Suite 400, Albuquerque, NM 87109, at least two months in advance. For information on CME accreditation or on the CME requirements of the New Mexico Board of Medical Examiners, please write to the above address or call (505) 828-0237.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution for current details.

February 28-29—**20th Annual New Mexico Thoracic Society Lung Disease Conference.** El Dorado Hotel, Santa Fe. Contact: Billie Dytzel, 216 Truman, NE, Albuquerque 87108. (505) 265-0732.

UTAH

This listing of continuing medical education courses in Utah is compiled and edited by the CME office of the Utah Medical Association. All courses listed have been certified by CME accredited institutions as meeting the criteria for Category 1 of the Physician's Recognition Award of the American Medical Association. Accredited institutions wishing to list AMA Category 1 CME courses here should send information at least two months in advance to the Office of Continuing Medical Education, 540 East Fifth South, Salt Lake City, UT 84102; or phone (801) 355-5290. For information on CME accreditation, please write the CME office at the above address.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution.

MEDICAL GRAND ROUNDS

Each Wed—8:00-9:00 a.m. Alternating between University of Utah Medical Center and VA Medical Center, Salt Lake City. Contact: William D. Odell, MD, PhD, Professor and Chairman, Dept of Internal Medicine, Univ of Utah, (801) 581-7606.

* * *

January 15-18—**Craniofacial/Oculoplastic Surgery** (Sponsor: UUSM). Wed-Sat. Snowbird. Contact: UUSM.

January 26-30—**Pediatric Critical Care Colloquium** (Sponsor: UUSM). Sun-Thurs. Snowbird. Contact: UUSM.

February 3-7—**Surgical Pathology** (Sponsor: UUSM). Mon-Fri. Park City. Contact: L. Larsen, (801) 581-5854.

February 9-14—**Interventional Radiology** (Sponsor: UUSM). Sun-Fri. Park City. Contact: Judy Gallegos, (801) 581-8188.

February 10-14—**Eleventh Annual Dermatology Seminar** (Sponsor: UUSM). Mon-Fri. Park City. Contact: Rosalie Lammle, (801) 581-8664.

February 14-15—**1992 Winter Ski Meeting** (Sponsor: Utah Ophthalmological Society). Fri-Sat. Prospector Square Hotel, Park City. Contact: Mark Fotheringham, (801) 355-7477.

February 14-18—**Syncopa** (Sponsor: UUSM). Fri-Tues. Olympia Hotel, Park City. Contact: UUSM.

February 15-22—**Update in Clinical Microbiology and Immunology** (Sponsor: UUSM). Sat-Sat. Park City. Contact: Midge Beckman, (801) 581-7480.

February 17-21—**Pediatric Emergency Medicine** (Sponsor: UUSM). Mon-Fri. The Marriott, Salt Lake City. Contact: UUSM.

February 19-24—**Physical Medicine and Rehabilitation Update** (Sponsor: UUSM). Wed-Mon. Radisson Inn, Park City. Contact: UUSM.

February 20-21—**Protecting Your Right to Prescribe** (Sponsor: UUSM). Thurs-Fri. University Park Hotel, Salt Lake City. Contact: Sharon Thompson, (801) 355-7477.

February 23-26—**The 32nd Annual OB/GYN Update** (Sponsor: UUSM). Sun-Wed. Yarrow, Park City. Contact: S. Martin, (801) 581-5501.

February 26-29—**Infertility and Endocrinology Update** (Sponsor: UUSM). Wed-Sat. Yarrow, Park City. Contact: S. Martin, (801) 581-5501.

February 28-Mar 3—**The 36th Anesthesiology Update** (Sponsor: UUSM). Fri-Tues. Snowbird. Contact: V. Larsen, (801) 581-6393.

March 2-6—**Microsurgery Workshop** (Sponsor: UUSM). Mon-Fri. University Park Hotel, Salt Lake City. Contact: UUSM.

March 8-14—**Advances in Internal Medicine** (Sponsor: UUSM). Sun-Sat. Snowbird. Contact: UUSM.

March 16-22—**Clinical Cardiac Electrophysiology Board Review** (Sponsor: UUSM). Mon-Sun. Snowbird. Contact: UUSM.

March 24-27—**Family Practice Refresher Course** (Sponsor: UUSM). Tues-Fri. Salt Palace, Salt Lake City. Contact: Leslie Munsee, (801) 581-7234.

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CONTINUING MEDICAL EDUCATION

(Continued from Page 96)

June 21-27—**School on Alcoholism, Drug Dependencies** (Sponsor: UUSM). Sun-Sat. U of U Browning Auditorium. Contact: UUSM.

June 24-27—**Slide of Life: Interactive Video and Related Multimedia Technology in Health Education** (Sponsor: UUSM). Wed-Sat. U of U Eccles Genetics Auditorium. Contact: UUSM.

July 12-17—**Update in Internal Medicine Focus on Ambulatory Care Medicine** (Sponsor: UUSM). Sun-Fri. Snowbird. Contact: UUSM.

August 6-8—**ISLD Dental Congress** (Sponsor: UUSM). Tues-Sat. Marriott Hotel, Salt Lake City. Contact: UUSM.

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AHA:	American Heart Association, Utah Affiliate, 645 E 400 South, Salt Lake City 84102. (801) 322-5601.
CH:	Castleview Hospital (formerly Carbon Hospital), RFD 2, Box 46, Price 84501. (801) 637-4800.
HCH:	Holy Cross Hospital, 1045 E First South, Salt Lake City 84102. (801) 350-4744.
ITS:	Intermountain Thoracic Society, 1616 S 11th East, Salt Lake City 84105. (801) 484-4456.
LDSH:	LDS Hospital, 8th Ave and "C" St, Salt Lake City 84143. (801) 321-1100.
LRH:	Logan Regional Hospital, 1400 N 5th East, Logan 84321. (801) 752-2050.
MDH:	McKay-Dee Hospital Center, 3939 Harrison Blvd, Ogden 84409. (801) 399-4141.
MVH:	Mountain View Hospital, 1000 E Highway 6, Payson 84651. (801) 465-9201.
144:	144th Evacuation Hospital, PO Box 8000, Salt Lake City 84108. (801) 524-3924.
OSS:	Ogden Surgical Society, PO Box 9311, Ogden 84409.
PVH:	Pioneer Valley Hospital, 3460 S 4155 West, West Valley City 84120. (801) 968-9061.
UOS:	Utah Ophthalmological Society, 540 E 500 South, Salt Lake City 84102. (801) 355-7477.
USH:	Utah State Hospital, PO Box 270, Provo 84603-0270. (801) 373-4400.
UUSM:	University of Utah School of Medicine, Office of Continuing Medical Education, 50 N Medical Dr, Salt Lake City 84132. (801) 581-8664.
VAMC:	Veterans Administration Medical Center, 500 Foothill Dr, Salt Lake City 84148. (801) 582-1565.
VVMC:	Valley View Medical Center, 595 S 75 East, Cedar City 84720. (801) 586-6587.
WRI:	Western Rehabilitation Institute, 8074 S 1300 East, Sandy 84094. (801) 561-3400.

WASHINGTON

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Brochures and registration forms are available from the contact person or organization listed at the end of each course or in the list of course sponsors and contact information.

January 16—**Law and Medicine Symposium**. Tacoma. Thurs. Contact: PCMS.

January 16-17—**Alzheimer's Update**. Seattle. Thurs-Fri. Contact: U/W.

January 24-25—**WTS Chest Conference**. Seattle. Fri-Sat. Contact: Washington Thoracic Society, (206) 441-5100.

January 31—**Vascular Surgery Update for Primary Care Providers**. Seattle. Fri. Contact: VMMC.

February 6-7—**A Day in the Office: Problems in Pediatric Practice 1992**. Seattle. Thurs-Fri. Contact: Group Health, (206) 326-3441.

February 7—**Review of HIV Infections**. Tacoma. Fri. Contact: PCMS.

February 14—**Cancer and the Nervous System**. Seattle. Fri. Contact: VMMC.

February 28—**Office Intervention: Alcohol and Substance Abuse**. Tacoma. Fri. Contact: PCMS.

March 9-13—**Geriatric Board Review**. Seattle. Mon-Fri. Contact: U/W.

March 9-19—**Physical Medicine and Rehabilitation**. Bellevue. Mon-Thurs. Contact: U/W.

March 12-13—**Internal Medicine Review—1992**. Tacoma. Thurs-Fri. Contact: PCMS.

March 20—**Integrated Approach to the Dizzy Patient**. Seattle. Fri. Contact: VMMC.

March 22-25—**Urgent Problems in Primary Care**. Bend, Oregon. Sun-Thurs. Contact: Group Health, (206) 326-3441.

March 23-26—**Death Investigations**. Seattle. Mon-Thurs. Contact: U/W.

March 25—**Ethics Conference**. Seattle. Wed. Contact: VMMC.

March 25-27—**Spirometry Training for Worker Screening**. Seattle. Wed-Fri. Contact: NW Center for Occupational Health and Safety, (206) 543-1069.

March 30-April 3—**Hawaii and CME**. Kauai, Hawaii. Mon-Fri. Contact: PCMS.

April 10—**Recent Developments in Occupational Medicine**. Seattle. Fri. Contact: NW Center for Occupational Health and Safety, (206) 543-1069.

April 10—**Gastro-Esophageal Reflux: A Multi-faceted Disease**. Seattle. Fri. Contact: VMMC.

April 17-18—**Tacoma Surgical Club**. Tacoma. Fri-Sat. Contact: PCMS.

April 24—**Annual Day of Pediatrics**. Tacoma. Fri. Contact: Multicare, (206) 594-1221.

April 24-25—**Diabetes of the Eye**. Seattle. Fri-Sat. Contact: U/W.

April 24-25—**Low-Back Pain**. Seattle. Fri-Sat. Contact: VMMC.

April 30-May 2—**Musculoskeletal Disease**. Seattle. Thurs-Sat. Contact: U/W.

May 8—**Office Procedures**. Tacoma. Fri. Contact: PCMS.

May 13-15—**Fifth Conference on Occupational Hazards to Health Care Workers**. Seattle. Wed-Fri. Contact: NW Center for Occupational Health and Safety, (206) 543-1069.

May 21-22—**Cardiology Conference**. Tacoma. Thurs-Fri. Contact: Multicare, (206) 594-1221.

May 27—**Pesticide Medicine**. Eastern Washington. Wed. Contact: NW Center for Occupational Health and Safety, (206) 543-1069.

May 30—**The Fetal Patient**. Seattle. Sat. Contact: VMMC.

June 22-23—**Advanced Cardiac Life Support**. Tacoma. Mon-Tues. Contact: PCMS.

June 26—**Sports Medicine**. Tacoma. Fri. Contact: Multicare, (206) 594-1221.

September 9-12—**Washington State Medical Association Annual Meeting**. Jantzen Beach, Oregon. Thurs-Sun. Contact: WSMA.

September 23-24—**Critical Care**. Tacoma. Thurs-Fri. Contact: Multicare, (206) 594-1221.

COURSE SPONSORS AND CONTACT INFORMATION

CME HARBORVIEW—Contact: Gayle Splater, Cytology Continuing Education, Dept. of Pathology, Harborview Medical Center, 325 Ninth Avenue, Seattle, WA 98104. (206) 223-5953.

PCMS CME—Contact: Mrs Maxine Bailey, Executive Director, College of Medical Education, 705 South Ninth, No. 203, Tacoma, WA 98405. (206) 627-7137.

U/W (UNIVERSITY OF WASHINGTON)—Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

WSMA—Washington State Medical Association, Continuing Medical Education, 2033 Sixth Ave, Suite 900, Seattle, WA 98121. (206) 441-9762.

VMMC (VIRGINIA MASON MEDICAL CENTER)—Contact: Linda Orgel, Division of Continuing Medical Education, Virginia Mason Medical Center, PO Box 900, Seattle, WA 98111. (206) 223-6898.

WYOMING

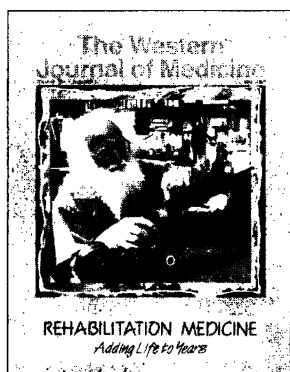
June 11-13—**Wyoming Medical Society—Annual Meeting**. Jackson Lake Lodge, Moran. Thurs-Sat. Contact: Wyoming Medical Society, PO Drawer 4009, Cheyenne 82003-4009. (307) 635-2424. ◆

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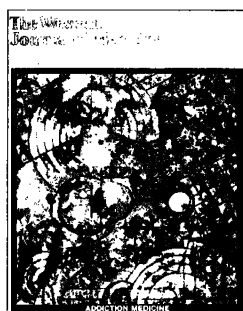
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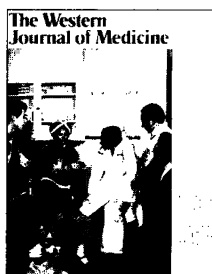
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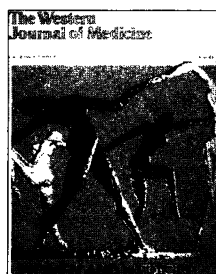
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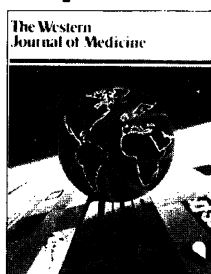
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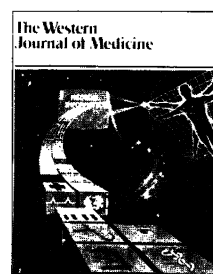
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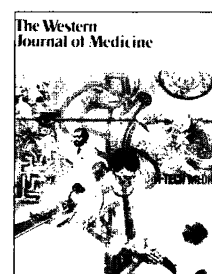
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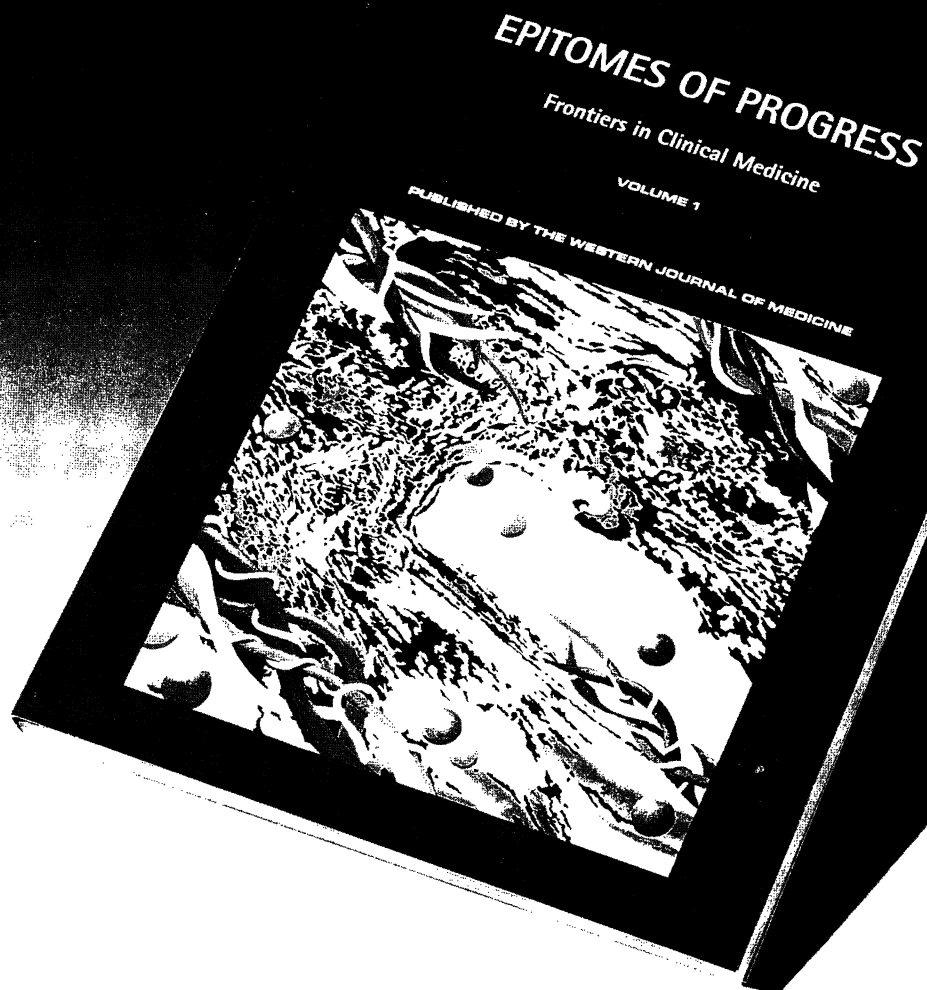
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